

#2



ENTERED OIPE

RAW SEQUENCE LISTING

DATE: 03/20/2002

PATENT APPLICATION: US/10/092,390

TIME: 16:26:04

Input Set : A:\LEX-0317-USA SEQLIST.txt

Output Set: N:\CRF3\03202002\J092390.raw

4 <110> APPLICANT: Yu, Xuanchuan
 5 Miranda, Maricar
 7 <120> TITLE OF INVENTION: Novel Human EGF-Family Proteins and Polynucleotides Encoding
 the Same
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 C--> 11 <141> CURRENT FILING DATE: 2002-03-06
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 12 <151> PRIOR FILING DATE: 2001-03-12
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 26 tcagtgaactg tgcaagagtc ataccacat ccctttgatc aaatttacta cactgagctgc 180
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83 <210> SEQ ID NO: 2

84 <211> LENGTH: 1140

85 <212> TYPE: PRT

86 <213> ORGANISM: homo sapiens

88 <400> SEQUENCE: 2

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92 20 25 30
93 Val Cys Ser His Trp Glu Ser Tyr Ser Val Thr Val Gln Glu Ser Tyr
94 35 40 45
95 Pro His Pro Phe Asp Gln Ile Tyr Tyr Thr Ser Cys Thr Asp Ile Leu
96 50 55 60
97 Asn Trp Phe Lys Cys Thr Arg His Arg Val Ser Tyr Arg Thr Ala Tyr
98 65 70 75 80
99 Arg His Gly Glu Lys Thr Met Tyr Arg Arg Lys Ser Gln Cys Cys Pro
100 85 90 95
101 Gly Phe Tyr Glu Ser Gly Glu Met Cys Val Pro His Cys Ala Asp Lys
102 100 105 110

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106      130      135      140
107 Gly Pro His Cys Thr Ser Arg Cys Gln Cys Lys Asn Gly Ala Leu Cys
108 145      150      155      160
109 Asn Pro Ile Thr Gly Ala Cys His Cys Ala Ala Gly Phe Arg Gly Trp
110      165      170      175
111 Arg Cys Glu Asp Arg Cys Glu Gln Gly Thr Tyr Gly Asn Asp Cys His
112      180      185      190
113 Gln Arg Cys Gln Cys Gln Asn Gly Ala Thr Cys Asp His Val Thr Gly
114      195      200      205
115 Glu Cys Arg Cys Pro Pro Gly Tyr Thr Gly Ala Phe Cys Glu Asp Leu
116      210      215      220
117 Cys Pro Pro Gly Lys His Gly Pro Gln Cys Glu Gln Arg Cys Pro Cys
118 225      230      235      240
119 Gln Asn Gly Gly Val Cys His His Val Thr Gly Glu Cys Ser Cys Pro
120      245      250      255
121 Ser Gly Trp Met Gly Thr Val Cys Gly Gln Pro Cys Pro Glu Gly Arg
122      260      265      270
123 Phe Gly Lys Asn Cys Ser Gln Glu Cys Gln Cys His Asn Gly Gly Thr
124      275      280      285
125 Cys Asp Ala Ala Thr Gly Gln Cys His Cys Ser Pro Gly Tyr Thr Gly
126      290      295      300
127 Glu Arg Cys Gln Asp Glu Cys Pro Val Gly Thr Tyr Gly Val Leu Cys
128 305      310      315      320
129 Ala Glu Thr Cys Gln Cys Val Asn Gly Gly Lys Cys Tyr His Val Ser
130      325      330      335
131 Gly Ala Cys Leu Cys Glu Ala Gly Phe Ala Gly Glu Arg Cys Glu Ala
132      340      345      350
133 Arg Leu Cys Pro Glu Gly Leu Tyr Gly Ile Lys Cys Asp Lys Arg Cys
134      355      360      365
135 Pro Cys His Leu Glu Asn Thr His Ser Cys His Pro Met Ser Gly Glu
136      370      375      380
137 Cys Ala Cys Lys Pro Gly Trp Ser Gly Leu Tyr Cys Asn Glu Thr Cys
138 385      390      395      400
139 Ser Pro Gly Phe Tyr Gly Glu Ala Cys Gln Gln Ile Cys Ser Cys Gln
140      405      410      415
141 Asn Gly Ala Asp Cys Asp Ser Val Thr Gly Lys Cys Thr Cys Ala Pro
142      420      425      430
143 Gly Phe Lys Gly Ile Asp Cys Ser Thr Pro Cys Pro Leu Gly Thr Tyr
144      435      440      445
145 Gly Ile Asn Cys Ser Ser Arg Cys Gly Cys Lys Asn Asp Ala Val Cys
146      450      455      460
147 Ser Pro Val Asp Gly Ser Cys Thr Cys Lys Ala Gly Trp His Gly Val
148 465      470      475      480
149 Asp Cys Ser Ile Arg Cys Pro Ser Gly Thr Trp Gly Phe Gly Cys Asn
150      485      490      495
151 Leu Thr Cys Gln Cys Leu Asn Gly Gly Ala Cys Asn Thr Leu Asp Gly

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157 Ser His Ala Asp Gly Cys His Pro Thr Thr Gly His Cys Arg Cys Leu
158 545          550          555          560
159 Pro Gly Trp Ser Gly Val His Cys Asp Ser Val Cys Ala Glu Gly Arg
160          565          570          575
161 Trp Gly Pro Asn Cys Ser Leu Pro Cys Tyr Cys Lys Asn Gly Ala Ser
162          580          585          590
163 Cys Ser Pro Asp Asp Gly Ile Cys Glu Cys Ala Pro Gly Phe Arg Gly
164          595          600          605
165 Thr Thr Cys Gln Arg Ile Cys Ser Pro Gly Phe Tyr Gly His Arg Cys
166          610          615          620
167 Ser Gln Thr Cys Pro Gln Cys Val His Ser Ser Gly Pro Cys His His
168 625          630          635          640
169 Ile Thr Gly Leu Cys Asp Cys Leu Pro Gly Phe Thr Gly Ala Leu Cys
170          645          650          655
171 Asn Glu Val Cys Pro Ser Gly Arg Phe Gly Lys Asn Cys Ala Gly Ile
172          660          665          670
173 Cys Thr Cys Thr Asn Asn Gly Thr Cys Asn Pro Ile Asp Arg Ser Cys
174          675          680          685
175 Gln Cys Tyr Pro Gly Trp Ile Gly Ser Asp Cys Ser Gln Pro Cys Pro
176          690          695          700
177 Pro Ala His Trp Gly Pro Asn Cys Ile His Thr Cys Asn Cys His Asn
178 705          710          715          720
179 Gly Ala Phe Cys Ser Ala Tyr Asp Gly Glu Cys Lys Cys Thr Pro Gly
180          725          730          735
181 Trp Thr Gly Leu Tyr Cys Thr Gln Arg Cys Pro Leu Gly Phe Tyr Gly
182          740          745          750
183 Lys Asp Cys Ala Leu Ile Cys Gln Cys Gln Asn Gly Ala Asp Cys Asp
184          755          760          765
185 His Ile Ser Gly Gln Cys Thr Cys Arg Thr Gly Phe Met Gly Arg His
186          770          775          780
187 Cys Glu Gln Lys Cys Pro Ser Gly Thr Tyr Gly Tyr Gly Cys Arg Gln
188 785          790          795          800
189 Ile Cys Asp Cys Leu Asn Asn Ser Thr Cys Asp His Ile Thr Gly Thr
190          805          810          815
191 Cys Tyr Cys Ser Pro Gly Trp Lys Gly Ala Arg Cys Asp Gln Ala Gly
192          820          825          830
193 Val Ile Ile Val Gly Asn Leu Asn Ser Leu Ser Arg Thr Ser Thr Ala
194          835          840          845
195 Leu Pro Ala Asp Ser Tyr Gln Ile Gly Ala Ile Ala Gly Ile Ile Ile
196          850          855          860
197 Leu Val Leu Val Val Leu Phe Leu Leu Ala Leu Phe Ile Ile Tyr Arg
198 865          870          875          880
199 His Lys Gln Lys Gly Lys Glu Ser Ser Met Pro Ala Val Thr Tyr Thr
200          885          890          895

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205 Ser Tyr His Thr Leu Thr Gln Cys Ala Thr Ser Pro His Val Asn Asn
206          930          935          940
207 Arg Asp Arg Met Thr Val Thr Lys Ser Lys Asn Asn Gln Leu Phe Val
208 945          950          955          960
209 Asn Leu Lys Asn Val Asn Pro Gly Lys Arg Gly Pro Val Gly Asp Cys
210          965          970          975
211 Thr Gly Thr Leu Pro Ala Asp Trp Lys His Gly Gly Tyr Leu Asn Glu
212          980          985          990
213 Leu Gly Ala Phe Gly Leu Asp Arg Ser Tyr Met Gly Lys Ser Leu Lys
214          995          1000          1005
215 Asp Leu Gly Lys Asn Ser Glu Tyr Asn Ser Ser Asn Cys Ser Leu Ser
216          1010          1015          1020
217 Ser Ser Glu Asn Pro Tyr Ala Thr Ile Lys Asp Pro Pro Val Leu Ile
218 1025          1030          1035          1040
219 Pro Lys Ser Ser Glu Cys Gly Tyr Val Glu Met Lys Ser Pro Ala Arg
220          1045          1050          1055
221 Arg Asp Ser Pro Tyr Ala Glu Ile Asn Asn Ser Thr Ser Ala Asn Arg
222          1060          1065          1070
223 Asn Val Tyr Glu Val Glu Pro Thr Val Ser Val Val Gln Gly Val Phe
224          1075          1080          1085
225 Ser Asn Asn Gly Arg Leu Ser Gln Asp Pro Tyr Asp Leu Pro Lys Asn
226          1090          1095          1100
227 Ser His Ile Pro Cys His Tyr Asp Leu Leu Pro Val Arg Asp Ser Ser
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236 <211> LENGTH: 1761
237 <212> TYPE: DNA
238 <213> ORGANISM: homo sapiens
240 <400> SEQUENCE: 3
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VERIFICATION SUMMARY

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Input Set : A:\LEX-0317-USA SEQLIST.txt

Output Set: N:\CRF3\03202002\J092390.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date